

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-11. (cancelled)

12. (currently amended) A method for treating vascular diseases related to endothelial and smooth muscle cells proliferation, said method comprising administering to a subject in need thereof ~~the a therapeutic agent of claim 16~~ comprising a therapeutically active amount of an HMG box binding molecule.

13. (previously presented) The method according to claim 12, wherein the vascular diseases are due to atherosclerosis and/or restenosis after blood vessels damage.

14. (previously presented) The method according to claim 12, wherein the vascular diseases are due to atherosclerosis and/or restenosis after blood vessels damage, including those events that occur after coronary and/or carotid angioplasty, with or without stent positioning, angiographic surgery, and surgery using catheters.

15. **(previously presented)** The method according to claim 12, wherein said HMG box binding molecule is chosen from the group comprising antibodies or antibodies fragments, inhibitors and four-way DNA.

16. **(withdrawn)** A therapeutic agent for the treatment of vascular diseases related to smooth muscle and endothelial cells proliferation, said agent comprising a therapeutic active amount of a HMG box binding molecule.

17. **(withdrawn)** The therapeutic agent for the treatment of vascular diseases related to smooth muscle and endothelial cells proliferation according to claim 16, wherein said HMG box binding molecule is chosen from antibodies or antibodies fragments, inhibitors and four-way DNA and not sRAGE.

18. **(withdrawn)** The therapeutic agent for the treatment of vascular diseases related to smooth muscle and endothelial cells proliferation, said agent comprising a therapeutic active amount of antagonist molecules having sequence homology with HMG box and being able to bind a functional HMG box binding domain of the receptor.

19. **(withdrawn)** The therapeutic agent according to claim 16, wherein said agent is released by catheters, surgical instruments implants or stents.